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PNSWSH

TECHNICAL IMPLEMENTATION NOTICE 06-37
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
105 PM EDT MON JUN 5 2006

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA
WEATHER WIRE SERVICE /NWS/ SUBSCRIBERS...
EMERGENCY MANAGERS WEATHER INFORMATION NETWORK
/EMWIN/ SUBSCRIBERS...NOAAPORT SUBSCRIBERS...
OTHER NATIONAL WEATHER SERVICE /NWS/ CUSTOMERS
AND PARTNERS...AND NWS EMPLOYEES

FROM: THERESE Z. PIERCE
CHIEF...MARINE AND COASTAL SERVICES BRANCH

SUBJECT: NEW EXPERIMENTAL NATIONAL DIGITAL FORECAST DATABASE
TROPICAL CYCLONE SURFACE WIND SPEED PROBABILITY
ELEMENTS FOR THE CONTIGUOUS UNITED STATES
AND ADJACENT COASTAL AREAS: EFFECTIVE JULY 5 2006

EFFECTIVE JULY 5 2006 AT 1200 COORDINATED UNIVERSAL TIME
/UTC/...THE NWS WILL BEGIN PROVIDING TROPICAL CYCLONE
PROBABILISTIC WIND SPEED FORECAST ELEMENTS IN THE NATIONAL
DIGITAL FORECAST DATABASE /NDFD/ ON AN EXPERIMENTAL BASIS. THE
TEST WILL CONTINUE THROUGH NOVEMBER 30 2006.

USERS WILL BE ABLE TO PULL THESE ELEMENTS IN GRIDDED
BINARY /GRIB2/ FORMAT FROM THE NWS FILE TRANSFER PROTOCOL /FTP/
SERVER. GRIDDED FORECASTS FOR TROPICAL CYCLONE SURFACE WIND SPEED
PROBABILITIES WILL BE AVAILABLE THROUGH 120 HOURS AT 6 HOURLY
INTERVALS WITH A 5 KILOMETER SPATIAL RESOLUTION. THESE FORECASTS
WILL BE PROVIDED FOR THREE WIND SPEED THRESHOLDS: 34...50...AND
64 KNOTS. TWO TYPES OF WIND SPEED PROBABILITIES ...CUMULATIVE
AND INCREMENTAL...WILL BE PROVIDED. DEFINITIONS OF THESE
PROBABILITIES WILL BE AVAILABLE ON THE NATIONAL HURRICANE CENTER
WEBSITE BY JULY 5 AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NHC.NOAA.GOV/ABOUTNHCPROBS.SHTML](http://www.nhc.noaa.gov/aboutnhcprobs.shtml)

DETAILED INFORMATION ON OPTIONS FOR ACCESSING AND USING THE NDFD
IS AVAILABLE ONLINE AT /USER LOWER CASE LETTERS/:

[HTTP://NDFD.WEATHER.GOV/TECHNICAL.HTM](http://ndfd.weather.gov/technical.htm)

A PRODUCT DESCRIPTION DOCUMENT /PDD/ FOR THE EXPERIMENTAL NDFD
TROPICAL CYCLONE GRIDDED WIND SPEED PROBABILITIES IS AVAILABLE
ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://PRODUCTS.WEATHER.GOV/VIEWLISTE.PHP](http://products.weather.gov/viewliste.php)

GO TO PAGE 3 FOR THE UMBRELLA PDD DESCRIBING NDFD GRIDDED DATA.

GO TO PAGE 4 FOR THE PDD DESCRIBING THE EXPERIMENTAL TROPICAL
CYCLONE PROBABILISTIC SURFACE WIND SPEED GRIDDED DATA.

A DETAILED LISTING OF TROPICAL PREDICTION CENTER /TPC/ WMO
PRODUCT HEADINGS INCLUDING THE TPC AREA DESIGNATOR AND REFERENCE
TIME DESIGNATORS IS LOCATED AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/DATAMGMT/DOC/TPC.HTML](http://www.weather.gov/datamgmt/doc/tpc.html)

NEW NDFD GRAPHICS FOR THESE EXPERIMENTAL ELEMENTS WILL BE
AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/FORECASTS/GRAPHICAL/SECTORS/](http://www.weather.gov/forecasts/graphical/sectors/)

USERS ARE ENCOURAGED TO PROVIDE FEEDBACK ON THE EXPERIMENTAL
PROBABILISTIC WIND SPEED PRODUCTS BY USING THE BRIEF SURVEY AND
COMMENT FORM AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.WEATHER.GOV/SURVEY/NWS-SURVEY.PHP?CODE=TCSWP](http://www.weather.gov/survey/nws-survey.php?code=tcswp)

IF YOU HAVE QUESTIONS REGARDING THIS NOTICE...PLEASE CONTACT:

TIMOTHY SCHOTT
NATIONAL WEATHER SERVICE
MARINE AND COASTAL SERVICES BRANCH
1325 EAST WEST HIGHWAY
SILVER SPRING MARYLAND 20910
EMAIL: TIMOTHY.SCHOTT@NOAA.GOV

IF YOU HAVE TECHNICAL QUESTIONS REGARDING THE NDFD DATA...PLEASE
CONTACT:

DAVID RUTH
CHIEF...MESOSCALE PREDICTION BRANCH
NATIONAL WEATHER SERVICE
OFFICE OF SCIENCE AND TECHNOLOGY
1325 EAST WEST HIGHWAY
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THIS AND ALL OTHER NWS TECHNICAL IMPLEMENTATION NOTICES ARE
POSTED AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/OM/NOTIF.HTM](http://www.nws.noaa.gov/om/notif.htm)

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